

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

Old Attorney's Docket No. 040070-666

New Attorney's Docket No. 0119-146

In re Patent Application of)	Allowed: May 9, 2005
)	
Leif Magnus Andre NILSSON et al.)	Group Art Unit: 2634
)	
Application No.: 09/580,119)	Examiner: ODOM, Curtis B
)	
Filed: May 30, 2000)	Confirmation No.: 1475
)	
For: FRACTIONAL N PHASE LOCKED)	
LOOP)	

FACSIMILE COVER SHEET

Mail Stop Issue Fee
Commissioner for Patents
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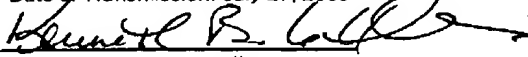
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Comments on Statement of Reasons for Allowance.

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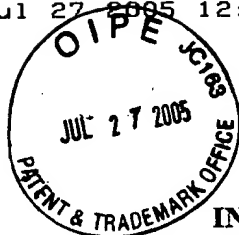
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Kenneth B. Leffler

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COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

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Sir:

Applicants gratefully acknowledge the allowance of this application. These comments are presented to clarify the record of prosecution.

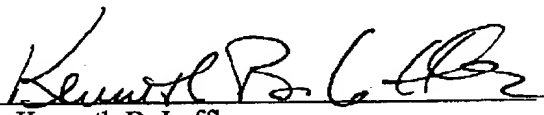
The Examiner's Statements of Reasons for Allowance refers in several places to the "phase detector" having certain features and comprising others. Applicants would like to point out that the various apparatus claims actually each define a "phase-locked loop". In some of these claimed embodiments (e.g., see independent apparatus claim 13), the phase-locked loop includes a phase detector as described by the first four lines of the Examiner's statement (i.e., having inputs of a reference signal and a comparison signal and generating a phase difference signal). However, contrary to the fourth and fifth lines of the Examiner's statement, the phase detector does not comprise the circuit that generates the comparison signal. Rather it is the phase-locked loop that comprises this element.

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Furthermore, Applicants would like to point out that in other claimed embodiments (e.g., see independent apparatus claim 33), the phase detector generates a phase difference signal that represents a phase difference between the reference signal and a signal generated by the phase detector having twice the frequency of the comparison signal.

Respectfully submitted,
Potomac Patent Group PLLC

Date: July 27, 2005

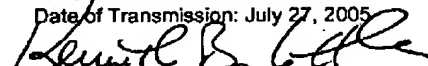
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